

ABSTRACT

A high frequency, right angle socket (10) comprising a body (12) including a longitudinal bore (14) extending completely through the body (12) and a transverse bore (16) intersecting the longitudinal bore (14). The bores (14) and (16) are seen most clearly in Fig. 5. A first dielectric (18) is formed to frictionally engage the longitudinal bore (14). The dielectric (18) has a proximal end (20) and a distal end (22) and includes a longitudinal electric contact-receiving chamber (24). A right angle electrical contact (26) has a longitudinal portion (28) and a transverse portion (30). The longitudinal portion (28) includes a first contact retainer (32). The transverse portion (30) includes a contact retainer (33). The longitudinal portion (28) is fitted into the longitudinal electrical contact-receiving chamber (24) of the first dielectric (18) with the contact retainer (32) on the longitudinal portion (28) engaging the interior wall of the longitudinal contact-receiving chamber (24). A second dielectric (34) is formed to frictionally engage the transverse bore (16) and includes a transverse electrical contact-receiving chamber (36). The transverse portion (30) of the right angle electrical contact (26) is fitted into the transverse electrical contact-receiving chamber (36) with the contact retainer (33) on the transverse portion (30) engaging the interior wall of the transverse electrical contact-receiving chamber (36). A cap (38) closes one end of the longitudinal bore (14).